

## CLAIM AMENDMENTS

1           1. (Currently amended) A pharmaceutical formulation,  
2     packaged into a sachet and administered orally after dispersing in  
3     water at therapeutic doses which comprises: [[of,]]

4           [[a.]] (a) alendronate microparticles coated with a  
5     polymer insoluble at pH 6 - 7.5, and alginic acid or sodium  
6     alginate or admixtures thereof in an amount therapeutically  
7     effective to prevent esophageal reflux, heartburn and esophagitis  
8     in a patient taking alendronate, where

9           [[b.]] (b) alendronate dissolves in 900 ml 0.1 N HCl at  
10    the rate of not less than 85% of within 30 minutes at the range of  
11    pH 1 - 4,

12          [[c.]] (c) the dispersion in a glass of 250 ml. water at  
13    the degree of 25°C contains no dissolved alendronate at pH 6 - 7.5  
14    or at the most 10% w/v of alendronate dissolved in 3 minutes.

1           2. (original) The pharmaceutical formulation as claimed  
2     in claim 1, comprises lubricants, diluents, flavors and sweeteners  
3     or their mixture thereof.

1           3. (currently amended) The pharmaceutical formulation as  
2     claimed in claim 2, where in the diluent is preferably selected  
3     from the group consisting of lactose and microcrystalline cellulose  
4     or admixtures thereof.

1           4. (Currently amended) The pharmaceutical formulation as  
2     claimed in claim 2, where in the sweetener is selected from the  
3     group consisting of aspartame, potassium acesulfame, monoammonium  
4     glycyrrhizinate, sodium saccharine, sucrose and ~~its derivatives,~~  
5     ~~polyols and their derivatives,~~ are preferably used alone or in  
6     combination.

1           5. (Currently amended) The pharmaceutical formulation as  
2     claimed in claim 1, where in the ~~polymers are~~ polymer is selected  
3     from the group consisting of , preferably polymethacrylates,  
4     polyvinyl acetate diethylaminoacetate and poly butyl methacrylate /  
5     2-dimethylamino-ethyl methacrylate/methyl methacrylate copolymers  
6     or their mixtures thereof.

1           6. (Currently amended) The pharmaceutical formulation as  
2     claimed in claim 1, where in the ~~polymers are,~~ polymer is  
3     Poly(butyl methacrylate, (2-dimethyl aminoethyl) methacrylate,  
4     methyl methacrylate) in a ratio of 1:2:1 is preferred.

1           7. (original) The pharmaceutical formulation as claimed  
2     in claim 1, which is dispersed in a glass of 250 ml water at the  
3     degree of 25°C at pH 6 - 7.5, contains alendronate in between  
4     0.001% w/v - 3% w/v.

1           8. (Currently amended) The pharmaceutical formation  
2 formulation as claimed in claim 1 where in the alendronate is  
3 alendronate monosodium trihydrate ~~or pharmaceutically acceptable~~  
4 ~~derivatives.~~

1           9. (original) The pharmaceutical formulation as claimed  
2 in claim 1, which is dispersed in a glass of 250 ml. water at the  
3 degree of 25°C at pH 6 - 7.5, contains alginic acid or sodium  
4 alginate or their mixtures in between 0.001% w/v - 2% w/v.

1           10. (Currently amended) A pharmaceutical formulation,  
2 which is packaged into a sachet and orally administered after  
3 dispersing in water, which ~~comprises~~ consists essentially of:  
4 alendronate microparticles coated with a polymer insoluble at pH 6  
5 to 7.5, wherein the polymer comprises polybutyl methacrylate,  
6 (2-dimethylaminoethyl)methacrylate and methyl methacrylate in a  
7 1:2:1 ratio; alginic acid or sodium alginate or admixtures thereof  
8 in an amount therapeutically effective to prevent esophageal  
9 reflux, heartburn and esophagitis in a patient taking alendronate;  
10 sucrose and sodium saccharine as sweeteners; microcrystalline  
11 cellulose as diluent; and colloidal silica as a lubricant, wherein  
12 the alendronate dissolves in 900 ml of 0.1N HCl at a rate of not  
13 less than 85% within 30 minutes at a pH of 1 to 4, and wherein the  
14 resulting dispersion in water at 25°C contains either no dissolved

15      alendronate at a pH of 6 to 7.5, or at most 10% w/of dissolved

16      alendronate after 3 minutes.